



OIL, GAS AND PETROCHEMICALS TRAINING

Marine Terminal Operations and Loading Master Practice

5 day course

Classroom, online or in-house

Course overview

Most spills and overfills at oil jetties happen at the manifold, in the minutes when ship and shore each assume the other is in control. The loading master stands at that point. Delegates work through berth suitability and moorings, the ship and shore safety checklist, the pre transfer conference and an agreed cargo plan, drawing on ISGOTT guidance. Marine loading arms, hoses, emergency release couplings and insulating flanges are covered, followed by ullage, trim and draft survey calculations and vapour return. Later sessions cover weather limits, static electricity, inert gas, ballast and slops, and with the paperwork that settles disputes: bills of lading, notices of readiness, letters of protest and laytime statements. Loading masters leave equipped to supervise a crude or product transfer from first line ashore to final documents, with safety, quantity and time under control.

What you will learn

- Assess berth and vessel compatibility before a cargo transfer
- Conduct a pre transfer conference and complete the ship and shore safety checklist
- Supervise connection of loading arms, hoses and emergency release systems
- Calculate cargo quantities from ullage, temperature and draft readings
- Control loading rates, topping off and vapour return to prevent overfill
- Apply static, inert gas and weather limits during transfers
- Prepare notices of readiness, letters of protest and laytime records
- Respond to a leak, breakaway or fire at the jetty

Who should attend

- Loading masters and jetty supervisors
- Terminal operators moving into marine roles
- Cargo inspectors and independent surveyors
- Harbour masters and port marine staff
- Shipping and chartering staff at oil companies

Course outline

- 01 Berths, moorings and vessel compatibility
- 02 Safety checklist and pre transfer conference
- 03 Loading arms, hoses and emergency release
- 04 Cargo calculations and draft surveys
- 05 Rate control, topping off and vapour return
- 06 Static, inert gas and weather limits
- 07 Shipping documents and laytime
- 08 Jetty emergencies and spill response

Upcoming dates



Dates	Venue	Format	Fee per delegate
12 to 16 October 2026	Dar es Salaam, Tanzania	Classroom	USD 1,325
7 to 11 December 2026	Pretoria, South Africa	Classroom	R19,950
18 to 22 January 2027	Mbabane, Eswatini	Classroom	R19,950
22 to 26 March 2027	Online	Online	R8,500

Fees and how to register

This 5 day course is **R8,500** per delegate online, **R19,950** in the classroom in South Africa, Botswana, Namibia, Lesotho and Eswatini, and **USD 1,325** in the classroom elsewhere in Africa. In-house training is quotation on request. Book 2 or more delegates on this course and save 10%.

To register or request an in-house proposal, visit www.afrisciencegroup.com, email info@afriScience.co.za, or WhatsApp us on **+27 63 479 1136**.

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